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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Beachy et al.

Serial No: 09/708,964

Filed: November 8, 2000

For: Inhibitors of Hedgehog Signaling
Pathways, Compositions and Uses
Related Thereto

Art Unit: 1614

Attorney Docket No. JHUC-P04-010

Examiner: Not Assigned

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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Karen DiRocco

Karen DiRocco

Assistant Commissioner of Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Please enter the following amendments:

In the claims:

✓
Please cancel claims 3-14, 24, and 26 without prejudice.

1. (Amended) A method for inhibiting [paracrine and/or autocrine signals produced by a hedgehog proteins] unwanted activation of a hedgehog-patched pathway in an animal, comprising [contacting a cell sensitive to the hedgehog protein with a hedgehog antagonist in a sufficient amount to reduce the sensitivity of the cell to the hedgehog protein, wherein the hedgehog antagonist is a] administering to the animal a composition comprising a purified organic molecule having a [molecule] molecular weight less than 750 amu in an amount sufficient to reduce the activation of the hedgehog-patched pathway in a cell, wherein the